Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket M02B166 **DECLARATION FOR UTILITY OR** Number First Named Inventor GRANT et al. DESIGN PATENT APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) **Application Number** Filing Date Declaration Declaration Submitted OR Submitted after Initial Art Unit Filing (surcharge With Initial Filing (37 CFR 1.16 (e)) **Examiner Name** required)

I hereby declare that:								
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.								
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ELECTROCHEMICAL SOLID ELECTROLYTE SENSOR FOR THE DETECTION OF OXYGEN, HYDROCARBONS AND MOISTURE IN VACUUM ENVIRONMENTS								
(Title of the Invention)								
the specification of which								
is attached hereto								
OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International								
Application Number and was amended on (MM/DD/YYYY) (if applicable).								
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.								
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.								
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent,								
inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign								
application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date								
before that of the application on which priority is claimed.								
Prior Foreign Application Foreign Filing Date Priority Certified Copy Attached? Number(s) Country (MM/DD/YYYY) Not Claimed YES NO								
PCT/GB2004/000934 GB 03-05-2004								
0308939.8 GB 04-17-2003								
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.								

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

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Name									
Ira Lee Zebrak									
Address The BOC Group, Inc., Legal Service 575 Mountain Ave.	es-Intellectual Pro	perty	-						
City				State	;				ZIP
Murray Hill				NJ					07974
Country		Telepho	ne				Ema	ıil	ļ
USA		908-771-6	469	Ira.Zebrak@bo			oc.com		
I hereby declare that all staten and belief are believed to be statements and the like so ma false statements may jeopardiz	e true; and fur de are punishal	ther that ole by fine	these state or impriso	ement nmen	s we t, or	ere made both, und	with er 18 I	the kno	owledge that willful false
NAME OF SOLE OR FIRST IN	IVENTOR:		Пар	etition	has	been filed	for thi	s unsia	ned inventor
Given Name (first and middle [if any])				etition has been filed for this unsigned inventor Family Name or Surname					
ROBERT BRUCE						GRANT			
Inventor's Signature	3 Ca	4	-						Date 22/68/05
Residence: City	State			Cour	ntry			Citize	nship
Steyning, West Sussex				United	King	dom		United	Kingdom .
Mailing Address Mill House, 126 High Street	•								
City	State				Zip				Country
Steyning, West Sussex					BN4	4 3RD			United Kingdom
NAME OF SECOND INVENTO	OR:				A	petition h	as bee	n filed	for this unsigned inventor
Given Name (first and middle [if any])			1 7		Family Na	ame or	Surnar	ne
PATRICK						DAVIS			
Inventor's Signature									Date
Residence: City	State			Cour	ntry			Citize	nship
Dundrum, Newcastle, Co. Down			Northern Ireland United Kingdom					Kingdom	
Mailing Address 1 Castle Heights									
City	State				Zip			Coun	try
Dundrum, Newcastle, Co. Down					BT33	ORY		Northe	rn Ireland
Additional inventors or a legal re	presentative are be	ing named or	n the <u>one</u> s	upplem	ental s	sheet(s) PTC)/SB/02A	or 02LR	attached hereto.

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ADDITIONAL INVENTOR(S) DECLARATION Supplemental Sheet Page -A petition has been filed for this unsigned inventor Name of Additional Joint Inventor, if any: Given Name (first and middle (if any)) Family Name or Surname CAROLYN HUGHES Inventor's Date 22nd August 2005 Signature United Kingdom Forest Row, East Sussex United Kingdom Citizenship Residence: City State Country 3 Triangle Cottages, Highgate Road Mailing Address Forest Row, East Sussex RH18 5AZ United Kingdom Country State Zip City Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Inventor's Signature Date State Country Citizenship Residence: City Mailing Address State Zip Country City Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Inventor's Signature Date Residence: City State Country Citizenship

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Attorney Docket Number First Named Inventor	MOZB 166 GRANT et al. MPLETE IF KNOWN
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erial to patentability as d ecame available between lion-in-part application.	pecification, including the claims, as effined in 37 CFR 1.56; including for the prior application
iny PCT international appl and have also identified be	any foreign application(s) for patent, ication which designated at least one slow, by checking the box, any foreign attonal application having a filing date
	Examiner Name as stated below next to the tinventor(s) of the subject SENSOR FOR THE IN VACUUM ENV. as United States Appead on (MM/DD/YYYY) sof the above identified specime available between ion-in-part application. a)-(d) or (f), or 365(b) of my PCT international application, appear and have also identified because (s), or any PCT international application).

[Page 1 of 2]
This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandra, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Name					
Irá Lee Zebrak			•••		
Address The BOC Group, Inc., Legal Sen 575 Mountain Ave.	vices Intellectual Pro	party	:-		
City			State	· · · · · ·	ZIP
Murray Hill	en e	to also to the control of the contro	M)		07974
Country		Telephone		Email	-
USA.		908-771-6469	•	lra:Zebrak@b	oc.com.
I hereby declare that all state and belief are believed to statements and the like so ne false statements may jeopan	be true; and furt nade are punishab	her that these sta de by fine or impri	atements were mad sonment, or both, un	e with the kno der 18 U.S.C.	wiedge that willful false
NAME OF SOLE OR FIRST	INVENTOR:		petition has been file	d for this unsign	ned inventor
Given Name (first and middle	a [if any])		Family	Name or Suma	me
ROBERT BRUCE			GRANT		
Inventor's Signature					Date
Residence: City	State	The state of the s	Country	Citizer	iship/
Steyning, West Sussex			United Kingdom	Ųnited l	Cingdom
Mailing Address Mill House, 126 High Street	<u></u>				
City	State		Zip		Country
Stayning, Wast Sussax			BN44 3RD	1	United Kingdom
NAME OF SECOND INVENT	TOR		Apelition	has been filed,t	or this unsigned inventor
Given Name (first and middle	∌[if any])∵		Family N DAVIS	lame or Suman	ne
Inventor's Signature	Fabrille	50.			Date 16.9.05
Residence: City	State		Country	Citizer	iśhį̃įįį
Dundrum, Newcastle, Co. Down			Northern Ireland	United	Kingdom
Mailing Address 1 Castle Heights					
City	State		Zip.	Count	Ϋ́
Dundrum, Newcastle, Co. Down			втаз ону	Norther	n Ireland
Additional inventors or a legal	l representative are bei	ng named on the <u>one</u>	supplemental sheet(s) PT	0/SB/0ZA or 02LR	altached hereto:

PTO/SBI02A (09-04)
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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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DECLARATION		Suppleme	ntal Sheet	Page 1 of 1			
Name of Additional Joint Inventor, if a	ny:	A pe	lition has been filed for	this unsigned inventor;			
Given Name (first and middle (if an	ð):	Family Name or Surname					
CAROLYN:	•	HUGHES					
Inventor's Signature				- Date			
Forest Row, East Sussex Residence: City	State 5		United Kingdom Country	United Kingdom Critzenship			
3 Triangle Coltages, Highgate Road Mailling Address							
Forest Row, East Sussex City	State		RH18 5ÁZ ŽÍD	United Kingdom Country			
Name of Additional Joint Inventor, if an	ıy:	A pet	tion has been filed for	this unsigned inventor.			
Given Name (first and middle (if any)).	Family Name or Surriame					
	engemekter i 1947 <u>Alabana banasan</u>			en en grant de grant La companya de grant			
Inventor's Signature				Daleja			
Residence: City	State.		Country	Cltizenship			
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City -	State		ŹĺĎ	Country			
Name of Additional Joint Inventor, if an	у:	A petil	lion has been filed for I	his unsigned inventor			
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Inventor's Signature				z Ďáte			
Residence: City	State		Country	Cillzenship			
Mailing Address							
·City	State		276	Country			

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	ormation unless it displays a valid OMB control number.
Application Number	
Filing Date	
First Named Inventor	GRANT et al.
Title	Electrochemical Solid Electrolyte
Art Unit	
Examiner Name	
Attorney Docket Number	M02B166

I hereby revoke all	l previo	ous powers of attorney gi	ven in the ab	ove-ide	entified applic	ation.		
I hereby appoint:								
✓ Practitioners ass	sociated	with the Customer Number:		020)411			
OR								
Practitioner(s) na	amed be	low:						
		Name			Registrat	ion Numbe	er	
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as my/our attorney(s) o Trademark Office conn		s) to prosecute the application erewith.	identified above	, and to	transact all busin	ess in the l	United States Pa	atent and
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The address	associat	ed with the above-mentioned C	Customer Number	er:		7		
The address	accociat	ed with Customer Number:						
OR OR	associai	ed with Customer Number.						
Firm or Individual i	Name	The BOC Group, Inc.						
Address		Legal Services-Intellectual Pr 575 Mountain Ave.	operty					
City		Murray Hill		State	NJ		Zip 07974	
Country		USA						
Telephone		908-771-6469		Email	Ira.Zebrak@boo	c.com		
I am the: Applicant/Inve	entor.							
		the entire interest. See 37 CFF FR 3.73(b) is enclosed. (Form						
		SIGNATURE of	Applicant or A	ssignee	of Record		3	
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Name	ROBER	T BRUCE GRANT				Telephone		
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NOTE: Signatures of all the signature is required, see		rs or assignees of record of the ent	tire interest or their	represen	tative(s) are require	ed. Submit m	ultiple forms if mo	re than one
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Application Number	umation unless it displays a valid OMB control number.
Filing Date	
First Named Inventor	GRANT et al.
Title	Electrochemical Solid Electrolyte
'Art Unit	
Examiner Name	· · · · · · · · · · · · · · · · · · ·
Attorney Docket Number	M028166.

l hereby revoke a	ill previ	ous powers of attorney give	n in the above	identified ap	plication.	Ţ			
I hereby appoint:					· . · · · · · · · · · · · · · · · · · ·				
Practitioners as	ssociated	with the Customer Number:		020411					
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as my/our attorney(s) Trademark Office con	or agent nected th	s) to prosecute the application ide	ntified above, and	to transact all b	usiness in the	United States Patent and			
The address	associal	ted with Customer Number: The BCC Group, Inc. Legal Services-Intellectual Prope	tomer Number:						
City		Murray Hill	Sta	te NJ		Zip: 07974			
Country		USA			Service Control	Maria Sala Baranda .			
Telephone:		908-771-6469	En	ail Ira.Zebrak@	boc.com:				
	record of	the entire interest. See 37 CFR 3. FR 3.73(b) is enclosed. (Form PTI SIGNATURE of Ap	O/SB/96)	and Spanish					
Signature	T =	-21 = 1 S	Knodin Al-VasiA	Levi necoju	THE STATE OF THE S				
Name	PATRIC	K DAVIS			Date Telephone	16. 9.05			
Title and Company	FOIGH	O DATE			Liesebiene	Fr. T. C.			
	he invento below	rs or assignees of record of the entire in	nterest or their repre	senlative(s) are re-	quired. Submit n	ultiple forms if more than one:			
Total of		forms are submitted.							

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Application Number	
Filing Date	
First Named Inventor	GRANT et al.
Title	Electrochemical Solid Electrolyte
Art Unit	
Examiner Name	
Attorney Docket Number	M02B166

I hereby revoke all prev	ious powers of attorney gi	iven in the ab	ove-id	entified applic	ation.		
I hereby appoint:							
I —	d with the Customer Number:		020411				
OR		•					
Practitioner(s) named b	pelow:						
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Firm or Individual Name	The BOC Group, Inc.					·	
Address	Legal Services-Intellectual Pr 575 Mountain Ave.	operty					
City	Murray Hill		State	ИЛ		Zip 07974	
Country	USA						
Telephone	908-771-6469		Email	Ira.Zebrak@boo	c.com		
I am the: Applicant/Inventor.							
	f the entire interest. See 37 CFF CFR 3.73(b) is enclosed. (Form		-				
	SIGNATURE of	Applicant or A	ssignee	of Record			
Signature	Citiolog				Date	22 nd August 200	<u></u>
Name CARO	LYN HUGHES				Telephone	1 ()	
Title and Company							
NOTE: Signatures of all the invent signature is required, see below*.	ors or assignees of record of the ent	tire interest or their	represen	itative(s) are require	ed. Submit m	ultiple forms if more than one	э .
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